

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



(43) International Publication Date
9 October 2003 (09.10.2003)

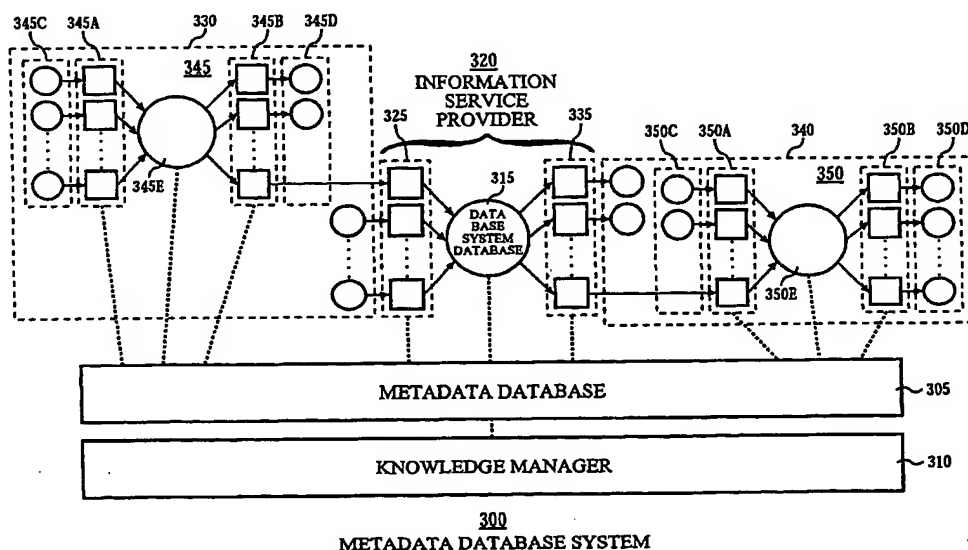
PCT

(10) International Publication Number
WO 03/083724 A1

- | | |
|--|--|
| <p>(51) International Patent Classification⁷: G06F 17/30,
17/60</p> <p>(21) International Application Number: PCT/SG03/00036</p> <p>(22) International Filing Date: 24 February 2003 (24.02.2003)</p> <p>(25) Filing Language: English</p> <p>(26) Publication Language: English</p> <p>(30) Priority Data:
200201821-6 2 April 2002 (02.04.2002) SG</p> <p>(71) Applicant (for all designated States except US):
REUTERS LIMITED [GB/GB]; 85 Fleet Street, London
ECAP 4AJ (GB).</p> <p>(71) Applicant (for US only): PNG TECK HOCK [SG/SG];
90C St. Patrick's Road, St. Patrick's Garden, Singapore
424186 (SG).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): POH, Ka Theng</p> | <p>[SG/SG]; 10 Tay Lian Teck Road, Singapore 455630
(SG). SNG, Wei-Jen [SG/SG]; 27 Saraca Road, Singapore
807373 (SG). STADELMANN, Stephan [CH/SG]; 1 Rhu
Cross, #16-06, Singapore 437433 (SG).</p> <p>(74) Agent: LAWRENCE Y D HO & ASSOCIATES PTE
LTD; 30 Bideford Road, #07-01, Thongsia Building, Sin-
gapore 229922 (SG).</p> <p>(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SK,
SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU,
ZA, ZM, ZW.</p> <p>(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).</p> |
|--|--|

[Continued on next page]

(54) Title: METADATA DATABASE MANAGEMENT SYSTEM AND METHOD THERFOR



(57) Abstract: A metadata database management system (300), comprising a metadata database (305) and a knowledge manager (310), for dynamically coupling to a database system (315). The metadata database (305) provides a single knowledge repository for storing metadata associated with information sources (330), that provide information that is processed by inbound information processors (325) for storage in the database system (315); and metadata associated with information consumers (340), that provide information retrieved from the database system (315), and processed by the outbound information processors (335). The knowledge manager (310) is coupled to access the metadata database (305), and provides one or more metadata applications that selectively use the metadata in the metadata database (305) to manage a plurality of knowledge aspects of the database system (315), the information sources (325) and the information consumers (335).

WO 03/083724 A1

WO 03/083724 A1



Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.